



#6

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## SEQUENCE LISTING

<110> Osbourn, Jane  
Holet, Thor

<120> Improvements to ribosome display

<130> 84633

<140> US 09/817,661

<141> 2001-03-26

<150> US 60/193,802

<151> 2000-03-31

<160> 35

<170> PatentIn Ver. 2.1

<210> 1

<211> 324

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Ribosome  
display construct

<400> 1

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aaaactcatc tcagaagagg atctgaatgg ccgcggcagc gggccgggt ctgggagcgg 180
atccggctct gggagcggct ctgggtccgg atcgggtcc ggatcaggct cgggctccgg 240
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ccgtatgacg tgccggatta cgca 324
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<210> 3  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Primer

<400> 3  
 taccgcgtatg acgtgccgga ttacgca 27

<210> 4  
 <211> 32  
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<220>  
 <223> Description of Artificial Sequence: Primer

<400> 4  
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<210> 5  
 <211> 15  
 <212> DNA  
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<400> 5  
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<210> 6  
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<400> 6  
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<210> 7  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Primer

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<400> 7  
gcacatcatc atcaccatca cggggcc

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<210> 8  
<211> 135  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 8  
tgcgtaatcc ggcacgtcat acgggtaact atttttccct ttgcggacat cactcttttt 60  
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atcaacgact tcttc 135

<210> 9  
<211> 144  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 9  
gaactcatca acgacttctt ctgtaagttc catggggcct ccgtctctca cgtttgtaat 60  
cttctctctc aaaccattca gatcctcttc tgagatgagt ttttgttctg cggccccgtg 120  
atggtgatga tgatgtcggg ccgc 144

<210> 10  
<211> 147  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 10  
gaactcatca acgacttctt ctgtaagttc catggggcct ccgtctctca cgtttgtaat 60  
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gtgatggtga tgatgatgtc gggccgc 147

<210> 11  
<211> 63  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: 5' end of  
construct

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<400> 11  
 ggggaccccc ccggaagggg gggacgaggt gcgggcacct cgtacgggag ttcgaccgtg 60  
 acg 63

<210> 12  
 <211> 156  
 <212> DNA  
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 construct

<400> 12  
 cacgggctag cgcttttcgcg ctctcccagg tgacgcctcg tgaagaggcg cgaccttcgt 60  
 gcgttttcggt gacgcacgag aaccgccacg ctgcttcgca gcgtggctcc ttcgcgcagc 120  
 ccgctgcgcg aggtgacccc ccgaaggggg gttccc 156

<210> 13  
 <211> 86  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:  
 Oligonucleotide

<400> 13  
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 acgaattcta atacgactca ctatag 86

<210> 14  
 <211> 106  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:  
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<400> 14  
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<210> 15  
 <211> 106  
 <212> DNA  
 <213> Artificial Sequence

<220>  
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 Oligonucleotide

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<400> 15  
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 gcgaaagcgc tagcccggtg gcgtaatccg gcacgtcata cgggta 106

<210> 16  
 <211> 96  
 <212> DNA  
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<220>  
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 ccgctgcgcg aggtgacccc ccgaaggggg gttccc 96

<210> 17  
 <211> 96  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:  
 Oligonucleotide

<400> 17  
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 aagcagcgtg gcggttctcg tgcgtcaccg aaacgc 96

<210> 18  
 <211> 14  
 <212> PRT  
 <213> Homo sapiens

<400> 18  
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 1 5 10

<210> 19  
 <211> 11  
 <212> PRT  
 <213> Homo sapiens

<400> 19  
 Cys Ser Arg Asp Ser Ser Gly Tyr His Leu Val  
 1 5 10

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<210> 20  
 <211> 10  
 <212> PRT  
 <213> Homo sapiens

<400> 20  
 Val His Asn Gly Trp Tyr Ala Leu Glu Tyr  
       1                      5                      10

<210> 21  
 <211> 11  
 <212> PRT  
 <213> Homo sapiens

<400> 21  
 Asn Ser Trp Asp Ser Ser Gly Asn His Val Val  
       1                      5                      10

<210> 22  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Library

<220>  
 <221> SITE  
 <222> (4)..(8)  
 <223> Xaa is any amino acid

<400> 22  
 Val His Asn Xaa Xaa Xaa Xaa Xaa Glu Tyr  
       1                      5                      10

<210> 23  
 <211> 11  
 <212> PRT  
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<220>  
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<220>  
 <221> SITE  
 <222> (4)..(8)  
 <223> Xaa is any amino acid

<400> 23  
 Asn Ser Trp Xaa Xaa Xaa Xaa Xaa His Val Val  
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<210> 24  
 <211> 5  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Mutagenized  
 sequence

<400> 24  
 Gly Trp Tyr Ala Leu  
 1 5

<210> 25  
 <211> 5  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Mutagenized  
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<400> 25  
 Val Asn Leu Leu Val  
 1 5

<210> 26  
 <211> 5  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Mutagenized  
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<400> 26  
 Arg Ser Met Asp Gly  
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<210> 27  
 <211> 5  
 <212> PRT  
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<220>  
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<400> 27  
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<210> 28  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Mutagenized  
sequence

<400> 28  
Arg Val Arg Leu Leu  
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<210> 29  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Mutagenized  
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<400> 29  
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<210> 30  
<211> 5  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: Mutagenized  
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<400> 30  
Asp Ser Ser Gly Asn  
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<210> 31  
<211> 5  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: Mutagenized  
sequence

<400> 31  
Ser Ala Thr His Glu  
1 5

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<210> 32  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Mutagenized  
sequence

<400> 32  
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<210> 33  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Mutagenized  
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<400> 33  
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1 5

<210> 34  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Mutagenized  
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<400> 34  
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<210> 35  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Mutagenized  
sequence

<400> 35  
Asn Thr Ser Val Thr  
1 5

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